

Attorney Docket No. 2003P01969WOUS

UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Juergen Eberle et al

Application Number:

Unassigned

Filing Date:

Concurrently Herewith

Group Art Unit:

Examiner:

Title:

REFRIGERATING UNIT COMPRISING AN

ULTRASOUND-WELDED SUCTION TUBE AND A

THROTTLING TUBE

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. 1.98, I am submitting a completed "INFORMATION DISCLOSURE STATEMENT BY APPLICANTS" (Form PTO/SB/08A) with patents and/or publications as delineated therein attached.

DE 100 55 915 discloses the circuit has a compressor, an evaporator (3), a feed line (1) with a capillary (6) carrying coolant from the compressor to the evaporator and a return line (2) leading from the evaporator to the compressor in thermal contact with the feed line. The thermal contact is concentrated on a region (4) of the feed line upstream of the capillary.

WO 03/062719 discloses the invention relates to a splaying tool for mounting a capillary tube (7) in a plate-type evaporator (1), said tool comprising an inner pin (12) and an outer pin (11) which is guided in a sliding manner in a channel (13) of the inner pin (12). During the mounting of a capillary line (7) in a plate-type evaporator (1), the inner pin (12) is guided into a section (2) of a connecting line of the plate-type evaporator (1), and the outer pin (11) is guided via the channel (13) of the inner pin (12) into a capillary channel (6) of the plate-type evaporator (1), in order to splay the same. Both pins (11, 12) are flattened on one side in order to distribute the pressure acting on one of the two plates of the plate-type evaporator during the expansion of the same, as widely as possible over the surface of said plate, thus avoiding any deformation of said plate. The capillary line (7) is guided into the



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splayed capillary channel (6), and said capillary channel (6) is embossed with the capillary line (7) guided therein.

EP 1 020 691 discloses the system has at least one suction tube (1) and at least one capillary tube (2), whereby at least the suction tube consists of a multi-profile tube with a chamber-like cross-section. Both tubes can be formed by a multi-profile tube with a chamber-like cross-section.

If no translation of pertinent portions of any foreign language patents or publications mentioned within the "INFORMATION DISCLOSURE STATEMENT BY APPLICANTS" is included with the aforementioned copies of those applications, patents and/or publications, it is because no existing translation is readily available to the Applicants. As per the Notice in 1273 OG 55 (August 5, 2003) no copies of any above-mentioned US patents and US patent application publications are submitted for this application which was filed after June 30, 2003.

Respectfully submitted

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June 22, 2006

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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Complete if Known Substitute for form 1449/PTO **Application Number** Filing Date Concurrently Herewith INFORMATION DISCLOSURE Juergen Eberle et al First Named Inventor STATEMENT BY APPLICANT Art Unit (Use as many sheets as necessary) **Examiner Name** Sheet 1 2003P01969WOUS of 1

Attorney Docket Number

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (If known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		^{US-} 5,269,158	12/14/1993	Dieter Bitter et al	
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		FORE	IGN PATENT DOCL	JMENTS		
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ^{3 -} Number ^{4 -} Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
				F.F. 33.33.33.33.33.33.33.33.33.33.33.33.33		
		EP 0 788 860	08/13/1997	Gianfranco Nocivelli		'
		FR 1.516.944	02/05/1968	Siemens Electrogeraete	te	
		DE 100 55 915 05/23/2002 Hans-Georg Reisinger				
		WO 03/062719	07/31/2003	Michael Howe et al		
		EP 1 020 691	07/19/2000	Dr. Wolfgang Bretz et a		
	International Search Report PCT/EP2004/053358				V	

Examiner		Date	
Signature		Considered	}

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WiPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.